



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/847,843

05/01/2001

Noboru Ogino

01269-LH

7322

1933

7590

06/14/2006

FRISHAUF, HOLTZ, GOODMAN & CHICK, PC

220 Fifth Avenue

16TH Floor

NEW YORK, NY 10001-7708

EXAMINER

THOMPSON, JAMES A

ART UNIT

PAPER NUMBER

2625

DATE MAILED: 06/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/847,843

Applicant(s)

OGINO, NOBORU

Examiner

James A. Thompson

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☐ Claim(s) \_\_\_\_\_ is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 4-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments filed 01 March 2006 have been fully considered but they are not persuasive. While Examiner agrees with Applicant that the newly added claims distinguish over the previously applied prior art, additional prior art has been discovered which teaches the present claims. The newly added claims have necessitated this reliance upon different prior art and the new grounds of rejection set forth below.

### *Claim Rejections - 35 USC § 112*

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 13 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 13 further limits aspects of an apparatus. Claim 13 does not further limit a method, which is what is recited in claim 12, upon which claim 13 depends. Is Applicant reciting a method or an apparatus? Since claim 13 depends from claim 12, claim 13 should recite a method. However, based on the body of claim 13, claim 13 appears to recite a further limitation of an apparatus and has nothing to do with a method claim. Therefore, the recitation of claim 13 is inconsistent and Applicant has thus failed to particularly point out and distinctly claim the subject matter which Applicant regards as the invention.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 4-5, 7-9, 11-13 and 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Hisatake (US Patent 5,669,040).

Regarding claims 4, 8 and 12: Hisatake discloses a document reading device (figure 2; figure 18; figure 19; and column 19, lines 42-50 of Hisatake) comprising a document table (figure 18 (M4) of Hisatake) which supports a document placed thereon (column 19, lines 62-65 of Hisatake); a cover (shown in figure 18 of Hisatake) which covers the document on said document table, and is configured to be opened and closed with respect to said document table (column 20, lines 4-6 of Hisatake); a document feeder (figure 18(M2) of Hisatake) which feeds a document other than the document on said document table (column 20, lines 4-12 of Hisatake); a document reader (figure 18(M5) of Hisatake) which reads an image of the document placed on said document table or fed by said document feeder (column 20, lines 13-26 of Hisatake); a user interface (figure 8; figure 19(53); and column 21, lines 50-53 of Hisatake) which designates a document size for the document to be read by said document reader (figure 8 (Sheet); column 12, lines 61-64; and column 13, lines 1-7 of Hisatake); and a controller (figure 19(52) and column 21, lines 50-56 of Hisatake) which specifies a read size corresponding to the document size designated by said user interface (column 12,

Art Unit: 2625

lines 61-64 and column 13, lines 1-7 of Hisatake) and which controls said document reader to read the image of the document in the read size (column 21, lines 50-56 of Hisatake); wherein said controller is configured to store the document size designated for a document places on said document table in a state where said cover is closed (figure 8 and column 12, lines 54-64 of Hisatake), and to refer to the stored document size as the read size of the document placed on the document table even when the reading of the document on said document table is interrupted by reading an image of a document fed by said document feeder (column 12, lines 61-64 of Hisatake). The printing for the multiple pages of a print job is set beforehand, stored and used for the overall printing of the print job (column 12, lines 61-64 of Hisatake). Thus, the interruption that naturally occurs when a new document page is fed by the document feeder does not cause a change in the preset document size.

Further regarding claim 8: The various means recited in the device of claim 8 correspond to the respective portions of the device of claim 4.

Further regarding claim 12: The method of claim 12 is performed by the device of claim 4.

**Regarding claims 5, 9 and 13:** Hisatake discloses a document size detector (figure 2(13) of Hisatake) which detects a size of the document on said document table (column 6, lines 35-40 of Hisatake), wherein said user interface is configured to designate the document size when said document size detector fails to detect the size of the document on said document table (figure 8; column 12, lines 61-64; and column 13, lines 1-7 of Hisatake). The parameter listing for each job includes information such as the document size (figure 8 and column 12, lines 61-64

Art Unit: 2625

of Hisatake). Furthermore, the user interface can be used to specify the document size (column 13, lines 1-7 of Hisatake). Clearly, a document size is required in order for a print job to be executed. Also, the document size may be detected by said document size detector, but it also may not be detected, which is evidenced by the passage "*If it automatically detects the original document size*, information indicating the original document size (job information, a part of function identifier) is output" (column 6, lines 37-40 of Hisatake) [emphasis added].

**Regarding claims 7, 11 and 15:** Hisatake discloses that said controller includes a memory which separately stores the document size designated for the document on said document table and the document size designated for the document fed by said document feeder (column 12, lines 54-64 of Hisatake). In order for the controller to be able to store, display and allow changes (via the user interface) of the print job, some form of memory is inherent.

#### ***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 6, 10 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hisatake (US Patent 5,669,040) in view of Sogame (US Patent 4,673,282).

Art Unit: 2625

**Regarding claims 6, 10 and 14:** Since the print jobs are performed for the normal operation of the system of Hisatake, it would be reasonable to assume that said controller is configured such that the document size designated for the document on said document table is cleared when said cover is opened. However, Hisatake does not disclose expressly that said controller is configured such that the document size designated for the document on said document table is cleared when the cover is opened.

Sogame discloses that a controller is configured such that the document size designated for the document on said document table is cleared when said cover is opened (column 6, lines 5-13 of Sogame). The size detection only functions when the cover is closed (column 6, lines 5-13 of Sogame). Thus, the document size designated for the document on said document table is cleared when the cover is opened.

Hisatake and Sogame are combinable because they are from the same field of endeavor, namely document size and document attribute detection and setting for digital copiers. At the time of the invention, it would have been obvious to a person of ordinary skill in the art to clear the stored value for document size when the cover is opened, as taught by Sogame. The suggestion for doing so would have been that, with the cover open, outside light will interfere with the detection of the document size. Thus, document size detection will either be impossible or highly inaccurate. Therefore, it would have been obvious to combine Sogame with Hisatake to obtain the invention as specified in claims 6, 10 and 14.

Art Unit: 2625

**Conclusion**

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James A. Thompson whose telephone number is 571-272-7441. The examiner can normally be reached on 8:30AM-5:00PM.

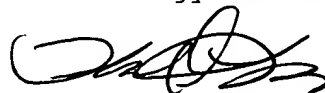
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on 571-272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



10 June 2006

James A. Thompson  
Examiner  
Technology Division 2625



~~THOMPSON~~  
EXAMINER